



*Mayo Medical Laboratories*

**With Mayo**

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**Mayo Medical Laboratories**



## Where Are We?

- Mayo Medical Laboratories is Located in Rochester, MN
- Additional sight located in Willmington, MA



# Who Are We?

- **Mayo Medical Laboratories (MML) is the diagnostic reference laboratory for Mayo Clinic**
- **Mayo Clinic employs 25,000 people in Rochester, MN**



# What do we do?

- MML specializes in esoteric laboratory testing for health care organizations throughout the United States and around the world
- Supports the local delivery of laboratory services through the provision of exceptional reference laboratory services and by providing support services which facilitate and augment community integration efforts



## What do we do?

- MML receives an average of 15,000 specimens per day
- MML reports an average of 350 reports per day to State Health Departments
- 2.5 FTE's dedicated to Department of Health Reporting



# **Why National Standards are important to MML**

- **We report to all 50 states**
- **Difficult to support 50 different ELR requirements**
- **System to report electronically with 50 different sets of rules would be impossible to create**
- **Expensive to develop and maintain 50 different interfaces**



NC	All	Children <6 and unknown age										
ND	>10 All											
NE	All											
NH	All	FAX ≥ 20										
NJ	All		≥ 80 ug/L		<u>.07 ug/mL</u>	<u>100 ug/L</u>		≥ 50 ng/mL	≥ <sup>3</sup> ug/gram creatinine		≥ 28 ng/mL	≥ 20 ug/L
NM	All											
NV	All											
P <del>R</del> NY State	All				All	All		All	All		All	All
P <del>R</del> NY City	All											
OH	All		ALL		<u>.07 ug/mL</u>	<u>100 ug/L</u>		≥ 50 ng/mL	≥ <sup>3</sup> ug/gram creatinine		<u>28 ng/mL</u>	<u>20 ug/L</u>
OK	All	FAX ≥ 20										
OR	10 ug/dL	<18 yrs										
	25 ug/dL	Adults										
PA	15 ug/dL	≤ 16 yrs										
	25 ug/dL	≥ 16 yrs										





# What Progress Have we Made?

- **RD project started 2 years ago**
  - **Assigned a Project Manager**
  - **Put together an IT team and a Business team**
- **Wrote business rules based on current processes**
- **Hired a consulting company to turn business rules into a functional specification**





- **Hired an outside consulting firm to be the architects of our new ELR system (BORN)**
- **BORN has created a system that has the flexibility to meet all of our requirements**
- **Integration testing being done now**
- **Acceptance testing to be completed in mid-June**
- **If all testing meets standards, system will be ready June 30**



- **Deployment will begin in July with the state of Nebraska**
- **Plan to have 6 states live by the end of 2004**
- **All other NEDSS states to be deployed in 2005**
- **New fully operational ELR system will have only 3 manual processes compared to 53 currently**



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**Thank You!!**